

baseball_data_story

January 2, 2019

1 Baseball - story

1.0.1 Introduction.

- [First Story.](#)
- [Finial Story after changes done.](#)
- [The second Finial Story after changes done.](#)

1.0.2 Summary

- Here we will explanatory the baseball data by using visualysation then find out the inghts, We have some informations about players and thier records such as : players name, their handedness (right or left handed), height (in inches), weight (in pounds), batting average, and home runs.

By exploring the player's records, I found out that : - The vast majority of the players wieght are between 150 - 235 pounds, and vast majority player hieght are between 65 - 80 inch. - There are 737 right hand player, 316 left hand and 104 play by both hands. - Right hand players have the highest sum of home runs value, but in the average the left hand player has more home runs than right hand players. - The right hand players have the most sum batting Average value, but in the average the players who play with left or both hand has hightest batting average then who plays with right hand. - Depended on the fifth visualisation The Top 10 of home runs compared with the top 10 of batting average color by handedness and more details when hover over the bars. - Depended on the sixth visualisation The Top 10 of height compared with the top 10 of weight and colored by handedness and more details when hover over the bars. - The chance to have high home run records by have high batting average.

1.0.3 Design

- design is Weight (Pound) VS. Height (inch) Colored by Handesness design, we chose scat-terplot because it is the best plot to compare variables to quantitative variables.
- Number Of Record Grouped by Handedness (Right, Left, Both) design, we chose bar chat because it is the best plot to compare catagorical variables to quantitative variables.
- Sum Of Home Runs Grouped by Handedness (Right, Left, Both) design, we chose bar chat because it is the best plot to compare catagorical variables to quantitative variables.

- Average Of Home Runs Grouped by Handedness (Right, Left, Both) design, we chose bar chat because it is the best plot to compare catagorical variables to quantitative variables.
- Sum Of Batting Average Grouped By Handedness (Right, Left, Both) design, we chose bar chat because it is the best plot to compare catagorical variables to quantitative variables.
- Average Of Batting Average Grouped By Handedness (Right, Left, Both) design, we chose bar chat because it is the best plot to compare catagorical variables to quantitative variables.
- Top 10 players have Home Runs, Top 10 players have Batting Average and Top 10 players have Weight there four are bar chart with the Top 10 palyers name and colored by Handedness (Right, Left, Both), we chose bar chat because it is the best plot to compare catagorical variables to quantitative variables.

1.0.4 Feedback

The fist chart ('Number Of Record Grouped by Handedness') has no legend represents the colors and has no title.

- Action: I have added Title and legend as well.

Avoid using abbreviations such as R, B, and L and use full words instead; because not everyone understands what those letters stand for

- Action: I have changed 'R' to 'Right Hand', 'L' to 'Left Hand' and 'B' to 'Both Hands' using this condiation: IIF([Handedness] == 'R', 'Right Hand',IIF([Handedness] == 'L','left hand','Both Hands')).

1.0.5 Resources

None.

1.0.6 The End, Thank You.